

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A method of controlling a process in a process control system, in which a terminal is provided for displaying symbols illustrating process elements and information about status of the process, being related to the process elements in an operating environment of the process, the method comprising the steps of:

providing, on said terminal, a process graphic diagram for illustrating the process by symbols representing one or more process elements and information about the status of the process;

selecting a part of the process graphic diagram; and

providing, on said terminal, a dimensionally changeable graphic image, which is a virtual image corresponding to a 3-dimensional view of at least one of the one or more process elements, and which is a model of a real field environment portion of the process elements to the selected part of the process graphic diagram, the graphic image being allotted to a process element and showing the location of the process element in the model of the real field environment portion of the process elements, wherein the graphic image is displayed in the operating environment of the process control system when the process is running; and

wherein the process element is at least one of a pump, valve, actuator, measuring device, or a part of a process equipment.

2. (Previously Presented) The method according to claim 1, wherein the graphic image is displayed by activating with an input device of the terminal a representation corresponding to a desired process element and displayed on a display device of the terminal, said representation comprising at least one of a symbol and text that indicates said process element.
3. (Previously Presented) The method according to claim 1 wherein a separate graphic image is provided for each of a plurality of process elements.
4. (Previously Presented) The method according to claim 1 wherein at least some of the process element are illustrated in a same graphic image and a process element whose virtual image can be displayed as a graphic image of its own, is shown in the graphic image in a distinguished manner, said showing comprising one of by circling, by a changed background, by a symbol, and in a corresponding manner.
5. (Currently Amended) The method according to claim 1, wherein the graphic image is a retrieved graphic image which can be displayed with a display device of the terminal in parallel with corresponding information indicating the status of the process, said information being information related to the process element being displayed, in such a way that the information is displayed ready within the retrieved graphic image ~~or the information is otherwise linked to said image in such a way that it can be retrieved.~~
6. (Previously Presented) The method according to claim 1, wherein the terminal, which comprises a display device and an input device, is portable or wearable and is in a wireless data transmission connection with the process control system.

7. (Previously Presented) The method according to claim 1, wherein the graphic image comprises one or several portions which can be displayed as a separate graphic image of its own, wherein said separate graphic image is at least one of a more detailed view and an image provided with additional data.
8. (Previously Presented) The method according to claim 1, wherein the graphic image is processed when it is displayed, in such a way that a 3-dimensional graphic image is at least one of turnable in different angles of viewing and enlargable.
9. (Canceled)
10. (Currently Amended) A process control system, comprising
a terminal having a display device and an input device;
a user interface software connected to the terminal and to a process, wherein the user interface software comprises;
one or more process graphic diagrams, each comprising symbols or representations of process elements of a plant where the process to be controlled takes place; and
one or more graphic images each being a virtual image corresponding to a 3-dimensional view of at least one of the process elements, being dimensionally changeable and showing a model of a real field environment portion of the process elements, wherein the graphic images correspond to respective parts of at least one of said process graphic diagrams; and
wherein the input device is adapted to select selects a part of a process graphic diagram and the terminal is adapted to visualize shows a graphic image allotted to a process element of

the selected part of the process graphic diagram so as to show the location of the process element in the model of the real field environment portion of the process elements; and

wherein the process element is at least one of a pump, valve, actuator, measuring device, or a part of a process equipment.

11. (Canceled)

12. (Previously Presented) The method according to claim 1 , further comprising the steps of:

displaying on a display device of the terminal at least one of a symbol and text that indicates a desired process element; and

displaying the graphic image by activating, with an input device of the terminal, said one of a symbol and text corresponding to the desired process element.

13-19. (Canceled)